

Please substitute the following paragraph on page 2, beginning at line 12:

Interferon-tau (IFN $\tau$ ) is a member of the type I IFN family but, unlike IFN $\alpha$  and IFN $\beta$ , IFN $\tau$  lacks toxicity at high concentrations *in vitro* and when used *in vivo* in animal studies (Bazer *et al.*, 1989; Pontzer *et al.*, 1991; Soos, Johnson, 1995; Soos, *et al.*, 1995; Soos *et al.*, 1997; Khan *et al.*, 1998). IFN $\tau$  was originally identified as a pregnancy recognition hormone produced by trophoblasts cells of the placenta of ruminants such as sheep and cows (Bazer *et al.*, 1991; Godkin *et al.*, 1982; Imakawa *et al.*, 1987; Johnson *et al.*, 1994). It has been reported that a human IFN $\tau$  exists (Whaley *et al.*, 1994) but this observation has not been confirmed. Thus, it is currently unknown as to whether there is a human IFN $\tau$ . IFN $\tau$  exhibits antiviral and cell inhibitory properties which are very similar to that of IFN $\alpha$  and IFN $\beta$  (Bazer *et al.*, 1989; Pontzer *et al.*, 1991; Soos, Johnson, 1995). However, IFN $\tau$  lacks the cellular toxicity associated with high concentrations of IFN $\alpha$  and IFN $\beta$  (Bazer *et al.*, 1989; Pontzer *et al.*, 1991). Further, the weight loss and bone marrow suppression that is associated with administering high doses of IFN $\alpha$  and IFN $\beta$  to individuals is absent with IFN $\tau$  in animal systems (Soos, Johnson, 1995; Soos *et al.*, 1995; Soos *et al.*, 1997). Studies have shown that the N-terminus of type I IFNs play a role in the toxicity or lack thereof for an IFN (Pontzer *et al.*, 1994; Subramaniam *et al.*, 1995).

Please substitute the following paragraph on page 19, beginning at line 15:

Benoit, P., D. Maguire, I. Plavec, H. Kocher, M. Tovey, F. Meyer (1993) "A monoclonal antibody to recombinant human IFN-alpha receptor inhibits biological activity of several species of human IFN-alpha, IFN-beta, and IFN-omega. Detection of heterogeneity of the cellular type I IFN receptor" *J. Immunol.* 150(3):707-716.

Please substitute the following paragraph on page 20, beginning at line 17:

Hamelmann, E., A. Oshiba, J. Paluh, K. Bradley, J. Loader, T.A. Potter *et al.* (1996) "Requirement for CD8 $^{+}$  T cells in the development of airway hyperresponsiveness in a murine model of airway sensitization" *J. Exp. Med.* 183:1719-29.